

Converting Colors

CIELCh(66, 22.622, 144.387)

Have a look what the booklet for
CIELCh(66, 22.622, 144.387)
contains.

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Color

CIELCh(66, 22.556, 143.961)

Conversions

Conversions Part 1

Format	Color
Hex	87A988
RGB	135, 169, 136
RGB Percent	53%, 66%, 53%
CMY	0.4704, 0.3371, 0.4665
CMYK	0.20, 0.00, 0.20, 0.34
HSL	122°, 17%, 60%
HSV	122°, 20%, 66%
XYZ	28.6402, 35.3238, 28.6159
YIQ	155.0720, -9.6710, -17.4710

Conversions

Conversions Part 2

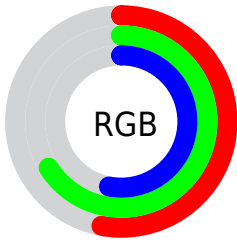
Format	Color
RYB	135, 168, 169
Decimal	8890760
CIELab	66.00, -18.24, 13.27
CIELCh	66, 22.556, 143.961
Yxy	35.3238, 0.3094, 0.3815
Android (android.graphics.Color)	4287080840 (0xFF87A988)
YUV	155.0720, -9.4025, -17.6031
Hunter-Lab	59.4338, -17.9930, 13.0571

Details

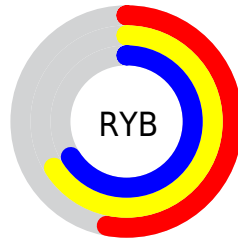
The CIELCh color $66, 22.556, 143.961$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $60, 22.577, 326.324$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 22.448, 143.481$, and $46, 22.677, 143.512$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.760, 143.152$, and if you desaturate by 10%, it is $68, 11.294, 144.662$.

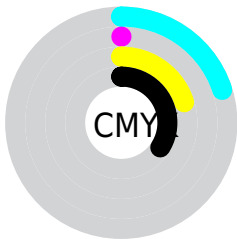
Distribution



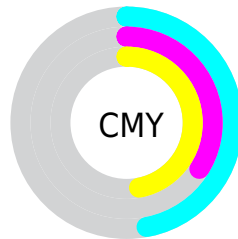
- Red (53%)
- Green (66%)
- Blue (53%)



- Red (53%)
- Yellow (66%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)





- Cyan (47%)
- Magenta (34%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.556, 143.961 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 22.556, 143.961 by changing the saturation by 10% instead.


 66, 22.556,
143.961


 66, 22.556,
143.961


 100, 22.556,
143.961


 56, 22.556,
143.961


 86, 22.556,
143.961

 46, 22.556,
143.961

 96, 22.556,
143.961

 36, 22.556,
143.961

 26, 22.556,
143.961

 16, 22.556,
143.961

 6, 22.556, 143.961

 0, 22.556, 143.961

■ 66, 22.556,
143.961

■ 66, 22.556,
143.961

■ 65, 33.760,
143.152

■ 68, 11.294,
144.662

■ 63, 44.700,
142.221

■ 69, 0.121, 147.167

■ 62, 55.122,
141.171

■ 71, 10.855,
325.706

■ 62, 64.711,
140.026

■ 73, 21.561,
326.140

■ 61, 73.100,
138.847

■ 75, 31.954,
326.505

■ 61, 79.883,
137.735

■ 77, 42.010,
326.816

■ 60, 84.683,
136.827

■ 80, 51.722,
327.082

■ 60, 87.463,

■ 80, 53.685,
326.275

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 22.556, 143.961



60, 22.577, 326.324

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 22.556, 143.961



66, 22.556, 193.961



66, 22.556, 323.961



66, 22.556, 13.961

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 22.558, 143.961



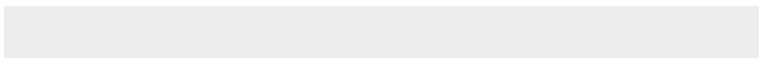
86, 8.253, 144.922



68, 18.538, 108.973



45, 5.469, 144.882



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 22.558, 143.961



83, 33.277, 143.627



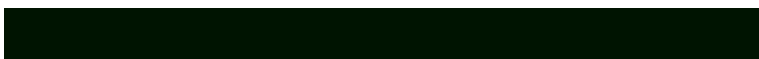
66, 15.745, 162.816



35, 6.292, 144.716



53, 79.195, 136.328



5, 11.472, 145.124

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60, 22.577, 326.324



75, 33.297, 326.560



60, 16.173, 346.312



33, 6.302, 325.718



35, 75.269, 329.415



2, 11.348, 325.562

Previews

White Background



This preview shows how the CIELCh color 66, 22.556, 143.961 looks on a white background.

Color Contrast Check

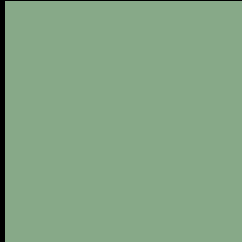
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 22.556, 143.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

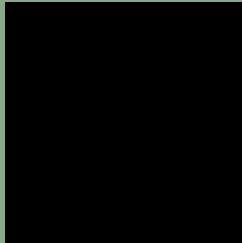
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 22.556, 143.961

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.556, 143.961.



This preview shows how white text looks on a background with the CIELCh color 66, 22.556, 143.961.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

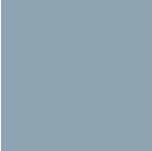
Dichromacy



Original Color
66, 22.556, 143.961

Protanopia
66, 16.393, 95.457

Deuteranopia
66, 14.542, 54.730



Tritanopia
66, 10.587, 246.339

Trichromacy



Original Color
66, 22.556, 143.961

Protanomaly
66, 16.677, 116.763

Deuteranomaly
66, 11.926, 95.243

Tritanomaly
66, 9.726, 188.714

Monochromacy



Original Color
66, 22.556, 143.961

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 8.153, 144.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.556, 143.961 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 169, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 169, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 169, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 169, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.556, 143.961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 169, 136) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 169, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 169, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 169, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 169, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 169,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.556, 143.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 169, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
169, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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